

Listing of Claims:

1. -- 2. (Canceled)

3. (Previously Presented) A method for adjusting a profile collected for an executing application to account for one or more actions applied to the executing application to improve detection of phase shifts in the executing application after the profile was collected, the method comprising:

- (a) collecting a first profile for the executing application;
- (b) predicting, based on the profile and the one or more actions, an impact on the executing application of applying the one or more actions to the executing application;
- (c) adjusting the first profile to form a normalized profile according to the predicted impact;
- (d) applying the one or more actions to the executing application;
- (e) collecting a second profile for the executing application after applying the one or more actions; and
- (f) detecting a phase shift in the executing application by utilizing the normalized profile and the second profile.

4. (Previously Presented) A system for adjusting a profile collected for an executing application to account for one or more actions applied to the executing application to improve detection of phase shifts in the executing application after the profile was collected, the system comprising:

a profiling agent for collecting a first profile and a second profile for the executing application;

a predictor for predicting, based on the first profile and the one or more actions, an impact on the executing application of applying the one or more actions to the executing application;

an adjuster for adjusting the first profile to form a normalized profile according to the predicted impact;

an applicator for applying the one or more actions to the executing application; and

a phase shift detector for detecting a phase shift in the executing application by utilizing the normalized profile and the second profile, the second profile collected after the step of applying the one or more actions to the executing application.

5. – 14. (Canceled)

15. (Previously Presented) The method of claim 3, wherein the step of predicting is performed using a cost-benefit model.

16. (Previously Presented) The method of claim 3, further including:
selecting the one or more actions for applying to the executing application.

17. (Previously Presented) The method of claim 16, wherein the step of selecting is performed using a cost-benefit model.

18. (Canceled)